

a base for movement along a surface;
a channel formed in said base;
a nozzle assembly removably attached to said base, said nozzle assembly including a squeegee;
a vacuum source associated with said nozzle assembly for generating suction to draw dirt from the surface into the nozzle assembly; and
wherein said nozzle assembly includes a slide latch, said slide latch slidably engaging said channel of said base to attach said nozzle assembly to said base, said slide latch slidably disengaging said channel to detach said nozzle assembly from said base.

B36
Contd.

c ~~20.~~ ¹2. The floor cleaning device of claim ~~10~~ ¹ wherein said squeegee assembly includes a front blade and a rear blade.

~~21.~~ ¹3. The floor cleaning device of claim ~~10~~ ¹ including a brush assembly secured to said base adjacent said nozzle assembly.

~~4.~~ ¹¹22. A floor cleaning device comprising:
a base for movement along a surface;
a channel formed in said base;
a nozzle assembly removably attached to said base;
a vacuum source associated with said nozzle assembly for generating suction to draw dirt from the surface into the

nozzle assembly;

said nozzle assembly including a slide latch, said

slide latch slidably engaging said channel of said base to

attach said nozzle assembly to said base, said slide

latch slidably disengaging said channel to detach said nozzle

assembly from said base; and

said base including a cam member, wherein said slide latch cams
against said cam member to guide said nozzle assembly against said

base thereby forming a close fit to said base upon said slide latch
engaging said channel of said base to attach said nozzle assembly to
said base.

5. ⁴~~23~~. The floor cleaning device of claim ~~22~~ including a duct secured to said base and fluidly connected to said nozzle assembly upon said nozzle assembly being attached to said base, and wherein said slide latch cams against said cam member to guide said nozzle assembly against said base to sealingly engage said nozzle assembly to said duct.

6. ⁵~~24~~. The floor cleaning device of claim ~~23~~ wherein said nozzle assembly includes a spacer fluidly connected between said nozzle assembly and said duct.

7. ⁴~~25~~. The floor cleaning device of claim ~~22~~ wherein said cam member comprises a protrusion formed on said base, said protrusion being beveled with respect to said slide latch.

- B36
Contd.
8. ~~26~~. A floor cleaning device comprising:
- a base for movement along a surface, said base including a rib formed thereon;
 - a nozzle assembly removably attached to said base;
 - a vacuum source associated with said nozzle assembly for generating suction to draw dirt from the surface into the nozzle assembly;
 - said nozzle assembly including a slide latch, said slide latch including a hook portion; and
- wherein said hook portion engages said rib to secure said nozzle assembly to said base upon said slide latch sliding a predetermined distance.

9. ~~27~~. The floor cleaning device of claim ~~26~~⁸ including a channel formed in said base, said slide latch slidably engaging said channel of said base to attach said nozzle assembly to said base, said slide latch slidably disengaging said channel to detach said nozzle assembly from said base.

10. ~~28~~. The floor cleaning device of claim ~~26~~⁸ wherein said nozzle assembly includes a squeegee attached thereto.

11. ~~29~~. The floor cleaning device of claim ~~26~~⁸ wherein said base includes a cam member, wherein said slide latch cams against said cam member to guide said nozzle assembly against said base thereby forming a close fit to said

base upon said slide latch sliding said predetermined distance.

12. ~~30.~~ ¹¹ The floor cleaning device of claim ~~29~~ including a duct secured to said base and fluidly connected to said nozzle assembly upon said nozzle assembly being attached to said base, and wherein said slide latch cams against said cam member to guide said nozzle assembly against said base to sealingly engage said nozzle assembly to said duct.

13. ~~31.~~ ¹² The floor cleaning device of claim ~~30~~ wherein said nozzle assembly includes a spacer fluidly connected between said nozzle assembly and said duct.

14. ~~32.~~ ¹¹ The floor cleaning device of claim ~~30~~ wherein said cam member comprises a protrusion formed on said base, said protrusion being beveled with respect to said slide latch.

15. ~~33.~~ A floor cleaning device comprising:

- a base for movement along a surface, said base including a cam member;
- a nozzle assembly removably attached to said base;
- a vacuum source associated with said nozzle assembly for generating suction to draw dirt from the surface into the nozzle assembly;
- said nozzle assembly including a slide latch; and
- wherein said slide latch cams against said cam member to guide said

B36
Contd.

B

nozzle assembly against said base thereby forming a close fit to said base upon said slide latch slidably engaging said base to attach said nozzle assembly to said base.

16. ~~34~~¹⁵. The floor cleaning device of claim ~~33~~¹⁵ wherein said nozzle assembly includes a squeegee attached thereto.

17. ~~35~~¹⁵. The floor cleaning device of claim ~~34~~¹⁵ including a duct secured to said base and fluidly connected to said nozzle assembly upon said nozzle assembly being attached to said base, and wherein said slide latch cams against said cam member to guide said nozzle assembly against said base to sealingly engage said nozzle assembly to said duct.

18. ~~36~~¹⁷. The floor cleaning device of claim ~~35~~¹⁷ wherein said nozzle assembly includes a spacer fluidly connected between said nozzle assembly and said duct.

19. ~~37~~¹⁵. The floor cleaning device of claim ~~36~~¹⁵ wherein said cam member comprises a protrusion formed on said base, said protrusion being beveled with respect to said slide latch.

20. ~~38~~¹⁵. A floor cleaning device comprising:
a base for movement along a surface;
a fluid distribution system associated with said base for distributing
cleaning fluid to said surface;

a channel formed in said base;
a nozzle assembly removably attached to said base;
a vacuum source associated with said nozzle assembly for
generating suction to draw dirt from the surface through the
nozzle assembly and into the recovery tank; and
wherein said nozzle assembly includes a slide latch, said
slide latch slidably engaging said channel of said base to
attach said nozzle assembly to said base, said slide
latch slidably disengaging said channel to detach said nozzle
assembly from said base.

B34
Contd.

21. ²⁰~~39~~. The floor cleaning device of claim ~~38~~ including a handle assembly
pivotally connected to said base.

22. ²¹~~40~~. The floor cleaning device of claim ~~39~~ wherein said recovery tank is
removably mounted to said handle assembly.

23. ²¹~~41~~. The floor cleaning device of claim ~~39~~ wherein said fluid distribution
system includes a solution tank.

24. ²⁰~~42~~. The floor cleaning device of claim ~~38~~ wherein said nozzle assembly
includes a squeegee attached thereto.

25. ²⁰~~43~~. The floor cleaning device of claim ~~38~~ wherein said nozzle assembly
includes a nozzle part, said slide latch slides along said nozzle part.